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10575676 - GAU: 2624



PTO/SB/08A (08-03)

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 1

of 4

## **Complete if Known**

Application Number	10/575676
Filing Date	10/12/2004
First Named Inventor	BOYCE, JILL MACDONA
Art Unit	2624
Examiner Name	BHATNAGAR, ANAND P.
Attorney Docket Number	PU030282-US-PCT

## **U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- US20020034337	03/21/2002	SHEKTER	
		US- US20020154140	10/24/2002	TAZAKI	
		US- US20030218610	11/27/2003	MECH ET AL.	
		US- US4897775	01/30/1990	KAASSENS	
		US- US4935816	06/19/1990	FABER ROBERT A.	
		US- US5028280	07/02/1991	IHARA ET AL.	
		US- US5140414	08/18/1992	MOWRY	
		US- US5262248	11/16/1993	IHARA ET AL.	
		US- US5335013	08/02/1994	FABER	
		US- US5374954	12/20/1994	MOWRY	
		US- US5406326	04/11/1995	MOWRY	
		US- US5457491	10/10/1995	MOWRY	
		US- US5471572	11/28/1995	BUCHNER ET AL.	
		US- US5475425	12/12/1995	PRZYBORSKI ET AL.	
		US- US5629769	05/13/1997	COOKINGHAM ET AL.	
		US- US5687011	11/11/1997	MOWRY	
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		US- US5767860	06/16/1998	ZIMMER ET AL.	

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		EP - EP1175091	01/23/2002	PRZYBORSKI ET A		
		EP - EP1215624	06/19/2002	EASTMAN KODAK C		
		EP - EP0622000	10/15/1992	FABER		
		WO - WO0146992	06/28/2001	BROWN UNIVERSIT		
		WO - WO0177871	10/18/2001	DEMOGRAFX		
		WO - WO2004104931	12/02/2004	THOMSON LICENSI		

Examiner Signature

/Anand Bhatnagar/

Date

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12/19/2010

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2

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**Complete if Known**

Application Number	10/575676
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First Named Inventor	BOYCE, JILL MACDONA
Art Unit	2624
Examiner Name	BHATNAGAR, ANAND P.
Attorney Docket Number	PU030282-US-PCT

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		US- US5805782	09/08/1998	FORAN	
		US- US5817447	10/06/1998	YIP	
		US- US5831673	11/03/1998	PRZYBORSKI ET AL.	
		US- US6233647	05/15/2001	BENTZ ET AL.	
		US- US6559849	05/06/2003	ANDERSON ET AL.	
		US- US6650327	11/18/2003	AIREY ET AL.	
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		WO - WO9314591	07/22/1993	FABER		
		WO - WO9520292	07/27/1995	PRZYBORSKI ET A		
		EP - EP0373615	06/20/1990	MATSUSHITA ELEC		
		EP - EP0575006	10/27/1999	EASTMAN KODAK C		
		WO - WO2004105250	12/02/2004	THOMSON LICENSI		

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Date  
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12/28/2010

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		Filing Date	10/12/2004
		First Named Inventor	BOYCE, JILL MACDONALD (responsible)
		Art Unit	2624
		Examiner Name	BHATNAGAR, ANAND P.
Sheet 3	of 4	Attorney Docket Number	PU030282-US-PCT

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		YAN ET AL., "Efficient Video Coding with Hybrid Spatial and Fine-Grain SNR Scalabilities", Visual Communications and Image Processing 2002, Proceedings of SPIE, Vol. 4671, 2002.	
		YAN ET AL., "Signal-Dependent Film Grain Noise Removal and Generation Based on Higher-Order Statistics", Ontario, Canada, 1997.	
		VAN DER SCHAAR, "Fine-Granularity-Scalability for Wireless Video and Scalable Storage", Visual Communications and Image Processing 2002, Proceedings of SPIE, Vol. 4671, 2002.	
		PRADES-NEBOT, "Rate control for Fully Fine-Grained Scalable Video Coders", Visual Communications and Image Processing 2002, Proceedings of SPIE, Vol. 4671, 2002.	
		ILLINGWORTH ET AL., "Vision, Image and Signal Processing", IEE Proceedings, Vol. 147, No. 3, United Kingdom, June 2000.	
		AL-SHAYKH ET AL., "Lossy Compression of Images Corrupted by Film Grain Noise", IEEE, Atlanta, GA, 1996.	
		MCLEAN ET AL., "Telecine Noise Reduction", The Institution of Electrical Engineers, London, UK, 16 January, 2001, pages 1-6.	
		PENG ET AL., "Adaptive Frequency Weighting for Fine-Granularity-Scalability", Visual Communications and Image Processing 2002, Proceedings of SPIE, Vol. 4671, 2002.	
		OKTEM ET AL., "Transform Domain Algorithm for Reducing Effect of Film-Grain Noise in Image Compression", Electronics Letters, Vol. 35, No. 21, 14 October 1999.	
		AL-SHAYKH ET AL., "Restoration of Lossy Compressed Noisy Images", IEEE Transactions on Image Processing, Vol. 8, No. 10, October 1999.	

Examiner Signature	/Anand Bhatnagar/	Date Considered	12/28/2010
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Sheet 4	of 4	Attorney Docket Number PU030282-US-PCT	

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		SHAHNAZ ET AL., "Image Compression in Signal-Dependent Noise", Applied Optics, Vol. 38, No. 26, 10 September 1999.	
		ZHAO ET AL., "Constant Quality Rate Control for Streaming MPEG-4 FGS Video, IEEE, 2002.	
		AL-SHAYKH, ET AL., "Lossy Compression of Noisy Images", IEEE Transactions on Image Processing, Vol. 7, No. 12, December 1998.	
		BRIGHTWELL ET AL., "Automated Correction of Film Unsteadiness, Dirt and Grain", International Broadcasting Convention, 16-20 September 1994.	
		FISCHER ET AL., "Image Sharpening Using Permutation Weighted Medians", National Science Foundation.	
		CAMPISI ET AL., "Signal-Dependent Film Grain Noise Generation using Homomorphic Adaptive Filtering", IEEE Proc.-Vis. Image Signal Processing, Vol. 147, No. 3, June 2000.	
		CHAVEL ET AL., "Film Grain Noise in Partially Coherent Imaging", Optical Engineering, Vol. 19, No. 3, May/June 1980.	

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